

A B S T R A C T

An internal antenna of small volume comprising:

- a conductive ground plane;
- 5 • a first conductive surface placed in an antenna plane substantially parallel to the ground plane and partially surrounding a portion of the antenna plane, and presenting first and second ends;
- a second conductive surface forming a main
10 radiating assembly disposed essentially in said portion of the antenna plane, said two conductive surfaces not being connected together by any conductive electrical connection;
- an antenna conductor connected to said second
15 conductive surface;
- first electrical connection means for connecting a first end of the first conductive surface to a first zone of the ground plane; and
- second electrical connection means for connecting
20 said first surface at least in the vicinity of the second end of the first conductive surface to a second zone of the ground plane that is distinct from the first zone;
- the assembly constituted by said first conductive surface, the portion of the ground plane electrically
25 interconnecting the first and second zones, and the two connection means presenting an opening.